

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for developing a product ~~(110)~~ that has at least one activation area and a writing area, (308) which ~~is~~ are each provided with a position code ~~(403)~~ that codes at ~~least one a~~ position on an imaginary a reference surface (601), ~~which a position causes associated with the activation area causing~~ a device ~~(710)~~ that detects the corresponding position code (403) to initiate an operation that utilizes ~~the a~~ position associated with the writing area and corresponding to a position code recorded by the device (710), said method comprising: ~~characterized by the step of~~

accessing a product development template, said product development template including a writing area and a plurality of available activation areas, said writing area and said activation areas being associated with different positions on said reference surface;

designing a product layout using said product development template, said product layout including position-coded areas and supporting graphics, said position-coded areas including at least a portion of said writing area and at least a portion of an activation area; and

producing a digital representation of at least part of the said product layout, said ~~which~~ digital representation ~~comprises~~ including a plurality of image points, wherein each image points in the digital representation are associated with different position-coded areas of said product layout and of the activation area (308) corresponding to a positions on the imaginary reference surface (601).

2. (Currently Amended) A method according to claim 1, further ~~which also comprising:es the steps of~~

marking at least one image point;i[[,]]

converting the image point into a position on the imaginary reference surface (601),i and

initiating the operation by use of the position on the imaginary reference surface (601).

3. (Currently Amended) A method according to claim 1 or 2, wherein:which also comprises the steps of

~~entering~~ said product development template is a digital template (201) with a digital representation of the writing area and the plurality of available activation areas~~at least one activation area (308) with a position code, and~~

~~selecting at least part of the template (201) to generate the digital representation (301) of the product.~~

4. (Currently Amended) A method according to claim 3, wherein ~~the template also comprises a digital representation of a writing surface (203) with a position code, which the~~ digital representation of the digital template comprises image points, each image point of the digital representation of the writing ~~surfaacearea (203) corresponding to a position on the imaginary reference surface (601).~~

5. (Currently Amended) A method according to claim 4, further ~~which also comprises~~ comprising:

~~the step of associating an operation with a part of the writing are~~ surface (303).

6. (Currently Amended) A method according to claim 3, wherein the digital representation of the writing area is ~~template also~~ ~~comprises~~ a digital representation of a character-interpretation field ~~(A)~~ with a position code, each image point of the digital representation of the character-interpretation field ~~(A)~~ corresponding to a position on the ~~imaginary~~ reference surface (601).

7. (Currently Amended) A method according to claim 1, further ~~wherein the method also comprising~~ es the steps of

~~showing~~ displaying the digital representation ~~(301)~~ of at least part of the product layout on a display ~~(111)~~, with several pixels, each pixel being allocated one or more image points or each image point being allocated one or more pixels;[[,]]

when a pixel on the display ~~(111)~~ is marked, converting this into corresponding image points and converting each image point into a position on the imaginary reference surface ~~(601)~~,; and

initiating the operation by use of the position on the imaginary reference surface ~~(601)~~.

8. (Currently Amended) A method according to claim 1, further ~~which also comprises~~ comprising: the step of

defining and connecting an operation to at least one of said at least one activation area ~~(308)~~ in the digital representation ~~(301)~~ of the product layout.

9. (Currently Amended) A method according to claim 1, further ~~which also comprises~~ comprising: the step of

producing a physical product corresponding to the digital representation ~~(301)~~ of the product layout.

10. (Currently Amended) A method according to claim 9, further ~~which also comprises~~ comprising: the steps of

testing the physical ~~products~~product by means of the device and the digital representation of the product layout.

11. (Currently Amended) A method according to claim 10, wherein said the step of testing comprises: ~~the steps of~~
recording an image of a predetermined part of the product;[[,]]
converting the recorded image into a position;[[,]] and
comparing the recorded position with the position in the corresponding position in the digital representation of the product layout.

12. (Currently Amended) A method according to claim 10 or 11, wherein said the step of testing comprises: ~~the steps of~~
recording an image of the product;[[,]] and
determining a size, form, density and/or contrast of ~~points~~
symbols in the image; and/or distance between the ~~points~~symbols
and/or ~~virtual raster grid~~ points, in relation to which raster the ~~points~~symbols in the image are aligned, in order to determine a quality of the pattern.

13. (Currently Amended) A method according to claim 9, wherein the physical product is made using a laser printer.

14. (Previously Presented) A method according to claim 9, wherein the physical product is made by printing.

15. (Canceled).

16. (Currently Amended) A memory medium on which is stored a computer program for developing a product ~~(110)~~ which has at least one activation area and a writing area, which is are each provided with a position code that codes ~~at least one a~~ position on an ~~imaginary a~~ reference surface (601), which a position associated with the activation area causing ~~causes a~~ device ~~(710)~~ that detects the corresponding position code to initiate a predetermined operation that utilizes ~~the a~~ position associated with the writing area and corresponding to a position code recorded by the device, wherein said program characterized in that, when it is executed on a computer, the program causes the computer to:

access a product development template, said product development template including a writing area and a plurality of available activation areas, said writing area and said activation areas being associated with different positions on said reference surface;

receive operator input for a design of a product layout using said product development template, said product layout including position-coded areas and supporting graphics, said position-coded

areas including at least a portion of said writing area and at least a portion of an activation area; and

~~to produce a digital representation (301) of at least part of the said product layout, which said digital representation including a plurality of comprises image points, wherein each image points in the digital representation are associated with position-coded areas of said product layout and of the activation area corresponding correspond to a positions on the imaginary reference surface (601).~~

17. (Currently Amended) A memory medium according to claim 16, wherein the program is further arranged, in response to an image point in the digital representation ~~(301)~~ being marked, to generate an output signal comprising information about the position on the ~~imaginary reference surface (601)~~ that corresponds to the marked image point.

18. (Currently Amended) A memory medium according to claim 16 or 17, ~~wherein the program being further arranged~~

~~to enter said product development template is a digital template (201) with at least one digital representation (301) of the writing area and the plurality of available activation areas a writing surface with a position code and at least one digital representation of an activation area (308) with a position code,~~

~~to receive a signal with information about selection of at least part of said at least one writing surface and one of said at least one activation area (308), and~~

~~to generate a digital representation of the product using the information signal.~~

19. (Currently Amended) A memory medium according to claim 16, wherein the program is further arranged to receive information for connecting an operation to ~~at least one of said at least one activation area (308).~~

20.-21. (Canceled).

22. (Currently Amended) A digital product development template for use in developing a product that has at least one activation area and a writing area, which are each provided with a position code that codes a position on a reference surface, a position associated with the activation area causing a device that detects the corresponding position code to initiate an operation that utilizes a position associated with the writing area and corresponding to a position code recorded by the device, said digital product development template comprising:

a writing area; and

~~template intended for developing a product (110) that has at least one~~ a plurality of available activation areas, wherein
said writing area and said activation areas are associated with different positions on said reference surface, and
~~(308) which is provided with a position code (403) that codes at least one position on an imaginary surface (601), which a position associated with an available activation area causes~~
a device (710) that detects the corresponding position code (403) to initiate an operation that utilizes the a position associated with the writing area and corresponding to a position code recorded by the device (710), the template comprising image points, each image point in the a digital representation of the activation area (308) corresponding to a position on the imaginary reference surface (601).

23. (Currently Amended) A method for developing a product ~~(110)~~ that has at least one activation area ~~(308)~~ and a writing area, (308) which is are each provided with a position code (403) that codes at least one a position on an imaginary a reference surface (601), which a position causes associated with the activation area causing a device (710) that detects the corresponding position code (403) to initiate an operation that utilizes the a position associated with the writing area and

corresponding to a position code recorded by the device—(710), said method comprising:—c-h-a-r-a-c-t-e-r-i-z-e-d—b-y—the-step-of

accessing a product development template, said product development template including a writing area and a plurality of available activation areas, said writing area and said activation areas being associated with different positions on said reference surface;

designing a product layout using said product development template, said product layout including position-coded areas and supporting graphics, said position-coded areas including at least a portion of said writing area and at least a portion of an activation area; and

producing a digital representation of at least part of the product layout;[[,]] and

generating a physical product by means of the digital representation of the product layout.

24. (Currently Amended) A method according to ~~claim 22~~claim 23, further ~~which also comprises comprising:the step of~~

testing the physical product by means of the digital representation of the product layout.

25. (Canceled).

26. (Currently Amended) A method for developing a product ~~(110)~~ that has at least one activation area ~~(308)~~ and a writing area, ~~(308)~~ which ~~is~~ are each provided with a position code ~~(403)~~ that codes ~~at least one~~ a position on an imaginary a reference surface ~~(601)~~, ~~which a position causes~~ associated with the activation area causing a device ~~(710)~~ that detects the corresponding position code ~~(403)~~ to initiate an operation that utilizes ~~the~~ a position associated with the writing area and corresponding to a position code recorded by the device ~~(710)~~, said method comprising: ~~characterized by the step of~~

accessing a product development template, said product development template including a writing area and a plurality of available activation areas, said writing area and said activation areas being associated with different positions on said reference surface;

designing a product layout using said product development template, said product layout including position-coded areas and supporting graphics, said position-coded areas including at least a portion of said writing area and at least a portion of an activation area; and

testing the product by means of a digital representation of at least part of the product layout comprising image points, each image point in the digital representation of the activation area

~~(308)~~ corresponding to a position on the ~~imaginary~~ reference surface ~~(601)~~.

27. (Currently Amended) A method according to claim 26, wherein said ~~the step of~~ testing the product comprises: ~~the steps of~~

recording an image of a predetermined part of the product; [[,]]

converting the recorded image into a position; [[,]] and

comparing the recorded position with its equivalence in the digital representation of the product layout.

28. (Currently Amended) A method according to claim 26, wherein ~~the step of~~ said testing the product comprises ~~the steps of~~:

recording an image of a predetermined part of the product; [[,]] and

determining a size, form, density and/or contrast of ~~points~~ symbols in the image; and/or distance between the ~~points~~ symbols and/or ~~virtual raster grid~~ points, in relation to which raster the ~~points~~ symbols in the image are aligned, in order to determine a quality of the pattern.

29. (Currently Amended) A method according to any one of claims 26-28, further comprising ~~which also comprises the step of~~ producing the digital representation of at least part of the product layout.

30. (Currently Amended) A computer program product comprising a computer program for performing the method of ~~anyone~~ any one of claims 26-28.

31. (New) The method of claim 1, wherein said writing area is a character interpretation area.